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# HE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant: Minas Theodore Coroneo

Art Unit : 3761

Serial No.: 10/579,330

Examiner: Unknown

Filed

: August 8, 2006

Conf. No.: 6478

Title

: OCULAR PRESSURE REGULATION

## Mail Stop Amendment

Commissioner for Patents

P.O. Box 1450

Alexandria, VA 22313-1450

## TRANSMITTAL LETTER

#### Dear Sir:

Transmitted herewith are an Information Disclosure Statement (2 pages), Form PTO-1449 (7 pages) and a return postcard for filing in connection with the above-identified application.



The Commissioner is hereby authorized to charge any fees that may be due in connection with this paper or with this application during its entire pendency to Deposit Account No. 06-1050.

Respectfully submitted,

Fred C. Hernande Reg. No. 41,832

PTO Customer. No.: 20985

Fish & Richardson P.C. 12390 El Camino Real San Diego, California 92130 Telephone: (858) 678-5625 Facsimile: (202) 626-7796 Email: fhernandez@fr.com

CERTIFICATE OF MAILING BY FIRST CLASS MAIL

I hereby certify under 37 CFR §1.8(a) that this correspondence is being deposited with the United States Postal Service as first class mail with sufficient postage on the date indicated below and is addressed to the Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

	May 10, 2007	
Date of Deposit	am	
Signature		
	John Macalagay	

Typed or Printed Name of Person Signing Certificate

Attorney's Docket No.: 21800-005002



Applicant: Minas Theodore Coroneo Art Unit : 3761 Serial No.: 10/579,330 Examiner: Unknown Filed : August 8, 2006 Conf. No.: 6478

Title : OCULAR PRESSURE REGULATION

#### MAIL STOP AMENDMENT

Commissioner for Patents P.O. Box 1450 Alexandria, VA 22313-1450

### SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT

Because this Supplemental Information Disclosure Statement is filed before the receipt of a First Office Action on the Merits for the above-captioned application, a fee for filing this statement should not be due. If, however, it is determined that a fee is due, any fees that may be due in connection with filing this paper may be charged to Deposit Account No. 06-1050.

In accordance with the duty of disclosure imposed by 37 C.F.R. §1.56 to inform the Patent Office of all information known by Applicant or Applicant's representative that may be material to the examination of the subject application, Applicant's representative hereby provides this Supplemental Information Disclosure Statement that is prepared in accordance with 37 C.F.R. §§1.97-1.98. Form PTO-1449 (7 pages) is provided in connection with the abovecaptioned application. In accordance with 37 C.F.R. §1.98(d), copies of the non U.S. patent documents listed on the Form PTO-1449 are not provided herewith as they have been previously provided in connection with U.S. Serial No. 10/712,277, which is relied upon for an earlier filing date in accordance with 35 U.S.C. §120.

The documents listed on the Form PTO-1449 are in the English language with the exception of the documents mentioned below. International PCT Application No. WO 02/087479 (item EU) which is in the German language, is provided with an English language equivalent, U.S. Application No. 2004/0210181 (item AS). International PCT Application No.

> CERTIFICATE OF MAILING BY FIRST CLASS MAIL I hereby certify under 37 CFR §1.8(a) that this correspondence is being deposited with the United States Postal Service as first class mail with sufficient postage on the date indicated below and is addressed to the Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

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Applicant: Minas Theodore Coroneo Attorney's Docket No.: 21800-005002

Serial No.: 10/579,330 : August 8, 2006 Filed

Page : 2 of 2

WO 2004/060219 (item FD) which is in the Japanese language, is provided with an English language equivalent, U.S. Application No. 2006/0235367 (item BO). European Application No. 1184010 (item FI), which is in the German language, is provided with an English language Derwent abstract (item FZ). Hence, in accordance with the requirements of 37 C.F.R. §1.98, as amended effective March 16, 1992, no further explanation of the listed item is necessary.

Applicant also makes known to the Examiner the following pending U.S. Applications that have one or more common inventors and/or are commonly owned:

<u>U.S.S.N.</u>	Filing Date	Docket No.
10/712,277	11/14/03	21800-005001
11/615,615	12/22/06	21800-005003
11/615,642	12/22/06	21800-005004

Although these documents and applications are made known to the Patent and Trademark Office in compliance with Applicant's duty of disclosure, such disclosure is not to be construed as an admission by Applicant or Applicant's representative that any of the information, singly or in any combination thereof, is effective as prior art against the subject application. In accordance with 37 C.F.R. §1.97 (g) and (h), the filing of this Supplemental Information Disclosure Statement shall not be construed to mean that a search has been made or that no other material information as defined in 37 C.F.R. §1.56 (b) exists.

Applicant respectfully requests that the Examiner review the foregoing documents and make them of record in the file history of the above-captioned application.

Respectfully submitted,

Fred C. Hernande

Reg. No. 41,832

PTO Customer. No.: 20985

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Facsimile: (202) 626-7796 Email: fhernandez@fr.com Substitute Form PTO-1449 (Modified)

U.S. Department of Commerce Patent and Trademark Office Attorney's Docket No. 21800-005002

Application No. 10/579,330

Information Disclosure Statement
by Applicant
(Use several sheets if necessary)

Applicant
Minas Theodore Coroneo

Filing Date August 8, 2006 Group Art Unit 3761

AY 15 2007 \$ 1 (37 CFR §1.98(b))

ST.			U.S. Pate	ent Documents			
Examiner Initial	Desig. ID	Document Number	Publication Date	Patentee	Class	Subclass	Filing Date If Appropriate
	, AA	2002/0072673	06/13/02	Yamamoto et al.	600	452	12/11/00
	AB	2002/0128613	09/12/02	Nakayama	604	294	05/25/01
	AC	2002/0133168	09/19/02	· Smedley et al.	606	108	03/18/02
	AD	2002/0143284	10/03/02	Tu et al.	604	9	11/08/01
	AE	2002/0177856	11/28/02	Richter et al.	606	108	07/09/02
	AF	2002/0193725	12/19/02	Odrich	604	8	06/13/02
	AG	2003/0055372	03/20/03	Lynch et al.	604	8	08/16/02
	AH	2003/0187385	10/02/03	Bergheim et al.	604	27	03/21/03
	ΑI	2003/0229303	12/11/03	Haffner et al.	604	8	03/21/03
	AJ	2003/0236483	12/25/03	Ren	604	8	06/25/02
	AK	2003/0236484	12/25/03	Lynch et al.	604	8	01/23/03
	AL	2004/0024345	02/05/04	Gharib et al.	604	8	04/18/03
	AM	2004/0050392	03/18/04	Tu et al.	128	898	08/28/02
	AN	2004/0088048	05/06/04	Richter et al.	623	4.1	10/27/03
	AO	2004/0102729	05/27/04	Haffner et al.	604	8	08/05/03
	AP	2004/0147870	07/29/04	Burns et al.	604	8	10/28/03
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	AS	2004/0210181	10/21/04	Vass et al.	604	8	03/31/04
	ΑТ	2004/0225250	11/11/04	Yablonski	604	8	05/05/03
	AU	2004/0236343	11/25/04	Taylor et al.	606	108	05/23/03
	AV	2004/0249333	12/09/04	Bergheim et al.	604	8	07/12/04
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	AY	2004/0254521	12/16/04	Simon	604	8	06/16/04
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	ВС	2005/0119636	06/02/05	Haffner et al.	604	500	09/24/04
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Examiner Signature

Date Considered

Substitute Form PTO-1449 (Modified)

U.S. Department of Commerce Patent and Trademark Office Attorney's Docket No. 21800-005002

Application No. 10/579,330

Information Disclosure Statement

**by Applicant** (Use several sheets if necessary)

Minas Theodore Coroneo

Filing Date August 8, 2006

**Applicant** 

Group Art Unit 3761

(37 CFR §1.98(b))

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	ВН	2005/0181977	8/18/2005	Hunter et al.	514	2	11/10/04
	BI	2005/0182350	08/18/05	Nigam	604	8	04/18/05
	BJ	2005/0191331	9/1/2005	Hunter et al.	424	423	11/30/04
	BK	2005/0192527	09/01/05	Gharib et al.	604	8	05/04/05
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	BQ	4,554,918	11/26/85	White	604	10	07/28/82
	BR	4,634,418	1/6/1987	Binder	604	8	04/06/84
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	BW	5,041,081	08/20/91	Odrich	604	9	05/18/90
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	CC	5,180,362	01/19/93	Worst	604	8	04/03/90
	CD	5,300,020	04/05/94	L'Esperance, Jr.	604	9	09/30/92
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Examiner Signature

Date Considered

Substitute Form PTO-1449 (Modified)

U.S. Department of Commerce Patent and Trademark Office Attorney's Docket No. 21800-005002

Application No. 10/579,330

Information Disclosure Statement by Applicant (Use several sheets if necessary) Applicant
Minas Theodore

Minas Theodore Coroneo

Filing Date August 8, 2006 Group Art Unit 3761

(37 CFR §1.98(b))

U.S. Patent Documents Examiner Desig. Document Publication Filing Date Initial ID Number Date Patentee Class Subclass If Appropriate CI 5,397,300 3/14/1995 8 Baerveldt et al. 604 04/21/94 CJ 5,433,701 07/18/95 Rubinstein 604 8 12/21/94 CK 5,443,505 08/22/95 Wong et al. 623 4.1 11/15/93 CL 10/03/95 5,454,746 72 Guegan, et al. 446 07/06/94 12/19/95 CM 5,476,445 Baerveldt et al. 604 8 08/01/94 CN 5,558,629 9/24/1996 Baerveldt et al. 604 8 07/21/92 CO 5,601,094 02/11/97 Reiss 899 128 11/22/94 CP 5,626,558 5/6/1997 Suson 604 8 05/05/95 CO 5,651,782 07/29/97 Simon et al. 606 1 06/13/96 CR 5,676,944 10/14/97 Alvarado et al. 424 93.71 10/06/93 CS 12/30/97 Richter et al. 5,702,414 606 166 09/05/96 CT 5,704,907 01/06/98 Nordquist et al. 604 8 12/11/95 CU 04/21/98 606 191 5,741,292 Mendius 04/28/97 CV 5,868,697 02/09/99 Richter et al. 604 8 03/27/96 CW 5,882,327 03/16/99 Jacob 604 8 04/17/97 CX5,893,837 04/13/99 Eagles et al. 604 9 02/28/97 CY 10/19/99 Richter et al. 5,968,058 606 166 07/14/97 CZ 6,007,510 12/28/99 8 Nigam 604 10/25/96 DA 6,007,511 12/28/99 Prywes 604 9 05/08/91 DB 6,050,970 04/18/00 Baerveldt 28 604 05/08/97 DC 6,077,299 06/20/00 Adelberg et al. 623 24 06/22/98 DD 6,102,045 08/15/00 Nordquist et al. 128 898 12/24/97 DE 6,142,969 11/07/00 604 8 Nigam 07/27/98 DF 6,203,513 03/20/01 9 Yaron et al. 604 11/20/97 DG 04/24/01 6,221,078 Bylsma 606 107 06/25/99 DH 6,251,090 06/26/01 Avery et al. 604 9 11/02/98 DI 6,261,256 07/17/01 9 Ahmed 604 10/03/97 DJ 6,264,668 07/24/01 **Prywes** 606 167 09/16/98 DK 09/17/02 6,450,984 Lynch et al. 604 8 04/26/00 DL 6,471,777 10/29/02 118 500 Kobayashi et al. 10/20/99

**Examiner Signature** 

Date Considered

Substitute Form PTO-1449 (Modified)

U.S. Department of Commerce Patent and Trademark Office Attorney's Docket No. 21800-005002

Application No. 10/579,330

**Information Disclosure Statement** by Applicant (Use several sheets if necessary)

Applicant

Minas Theodore Coroneo

Filing Date

Group Art Unit

(37 CFR §1.98(b))

August 8, 2006

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	DM	6,508,779	01/21/03	Suson	604	8	01/24/97
	DN	6,510,600	01/28/03	Yaron et al.	29	428	12/04/00
	DO	6,524,275	02/25/03	Lynch et al.	604	96.01	04/26/00
	DP	6,533,768	03/18/03	Hill	604	521	04/14/00
	DQ	6,544,208	04/08/03	Ethier et al.	604	8	12/29/00
	DR	6,544,249	04/08/03	Yu et al.	604	521	07/15/99
	DS	6,558,342	05/06/03	Yaron et al.	604	9	06/02/99
	DT	6,589,203	07/08/03	Mitrev	604	27	08/01/00
	DU	6,626,858	9/30/2003	Lynch et al.	604	8	09/12/02
	DV	6,638,239	10/28/03	Bergheim et al.	604	27	04/14/00
	DW	6,666,841	12/23/03	Gharib et al.	604	8	05/02/01
	DX	6,699,210	03/02/04	Williams et al.	604	8	04/27/99
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	DZ	6,719,750	04/13/04	Varner et al.	604	289	06/22/01
,	EA	6,726,664	04/27/04	Yaron et al.	604	265	08/06/01
	EB	6,730,056	04/04/04	Ghaem et al.	604	9	09/21/00
	EC	6,736,791	05/18/04	Tu et al.	604	8	11/01/00
	ED	6,780,164	08/24/04	Bergheim et al.	604	8	03/21/03
	EE	6,827,699	12/7/2004	Lynch	604	8	05/27/03
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	ЕН	6,881,198	04/19/05	Brown	604	8	06/16/03
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	EJ	6,962,573	11/08/05	Wilcox	604	9	10/18/00
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Examiner	Examiner Desig. Document Publication Country or Translation							
Initial	ID	Number	Date	Patent Office	Class	Subclass	Yes	No

Examiner Signature

Date Considered

Substitute Form PTO-1449 U.S. Department of Commerce Attorney's Docket No. Application No. (Modified) Patent and Trademark Office 21800-005002 10/579,330 **Applicant Information Disclosure Statement** Minas Theodore Coroneo by Applicant (Use several sheets if necessary) Filing Date Group Art Unit August 8, 2006 3761

(37 CFR §1.98(b))

	For	eign Patent De		ublished Foreign P	atent Ap	plications		
Examiner	Desig.	Document	Publication	Country or	G1	0.1.1.		lation
Initial	ID EN	Number 00/06223	Date 11/22/01	Patent Office PCT	Class	Subclass	Yes	No
	1	00/64511	11/2/01	PCT			 	
	EO	·						
	EP	02/070045	09/12/02	PCT				
	EQ	02/074052	09/26/02	PCT				
	ER	02/080811	10/17/02	PCT				
	ES	02/080829	10/17/02	PCT				
	ET	02/087418	11/7/02	PCT				
	EU	02/087479	11/07/02	PCT				X+
	EV	02/089699	11/14/02	PCT				
	EW	02/102274	12/27/02	PCT				
	EX	0228185	07/08/87	EP				
	EY	03/015659	02/27/03	PCT				
	EZ	03/015667	02/27/03	PCT				
	FA	03/099175	12/04/03	PCT				
	FB	2004/026347	04/01/04	PCT				
	FC	2004/056294	07/08/04	PCT				
	FD	2004/060219	07/22/04	PCT				X+
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	FG	2005/016418	02/24/05	PCT				
	FH	2005/046516	5/26/05	PCT			<u> </u>	
	FI	1184010	03/06/02	EP				X*
	FJ	1310222	05/14/03	EP				
	FK	1473004	11/03/04	EP				
	FL	1477146	11/17/04	EP				
	FM	89/00869	02/09/89	PCT				
	FN	91/12046	08/22/91	PCT				
	FO	92/19294	11/12/92	PCT				
	FP	94/09721	05/11/94	PCT				
	FQ	94/09837	5/11/94	PCT				

Examiner Signature **Date Considered** 

Substitute Form PTO-1449 (Modified)	U.S. Department of Commerce Patent and Trademark Office	Attorney's Docket No. 21800-005002	Application No. 10/579,330	
	closure Statement oplicant	Applicant Minas Theodore Cor	roneo	
(Use several sh	eets if necessary)	Filing Date August 8, 2006	Group Art Unit 3761	

	Foreign Patent Documents or Published Foreign Patent Applications										
Examiner	Desig.	Document	Publication	Country or			Trans	lation			
Initial	ID	Number	Date	Patent Office	Class	Subclass	Yes	No			
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	FS.	96/20742	07/11/96	PCT							
	FT	96/36377	11/21/96	PCT							
	FU	98/23237	06/04/98	PCT							
	FV	98/30181	07/16/98	PCT							
	FW	99/26567	06/03/99	PCT		W-4					

X\* = An English language Derwent abstract is provided. X+ = An English language equivalent is provided.

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	FX	Classen, L., et al., "A histopathologic and immunohistorchemical analysis of the filtration bleb after unsuccessful glaucoma seton implantation," American Journal of Opthamology, 122:205-212, (1996).
	FY	Cohen, V.M., et al., "First day post-operative review following uncomplicated phacoemulsification, Eye, 12(4):634-636, (1998).
	FZ	Derwent English abstract for EP 1184010, published March 6, 2002 entitled: "Drainage unit for an eye, consists of a hollow line, a distribution member, and a pressure relief valve which only allows water to leave the eye chamber above a certain pressure," Accession Nbr. 12409716 [351].
	GA	Dinakaran, S., et al., "Is the first post-operative day review necessary following uncomplicated phacoemulsification surgery?" Eye, 14(3A):364-366, (2000).
	GB	Einmahl, S., et al., "Evaluation of a novel biomaterial in the suprachoroidal space of the rabbit eye,' Investigative Opthamology and Visual Sciences, 43:1533-1539, (2002).
	GC	Gross, R.L., et al., "Surgical therapy of chronic glaucoma in aphakia and pseudophakia," Ophthalmology, 95:1195-1201, (1988).
	GD	Hildebrand, G.D., et al., "Efficacy of anterior chamber decompression in controlling early intraocular pressure spikes after uneventful phacoemulsification," Journal of Cataract and Refractive Surgery, 29:1087-1092, (2003).
	GE	Howorth, D.J., "Feasibility study for a micromachined glaucoma drainage device," Cranfield University School of industrial and manufacturing science MSc Thesis Academic Year 2001-2002 13 September 2002.
	GF	Hylton, C. and A. Robin et al., "Update on prostaglandin analogs," Current Opinion in Opthamology, 14:65-69, (2003).
	GG	Jordan, J. "A novel approach to suprachoroidal drainage for the surgical treatment of intractable glaucoma," Journal of Glaucoma, 15:200-205, (2006).
	GH	Lee et al. "Magnetic resonance imaging of the aqueous flow in eyes implanted with the trabeculo- suprachoroidal glaucoma seton," Investigative Opthamology and Visual Sciences 33:948 (1992).
	GI	Mehta, K.R., "The suprachoroidal hema wedge in glaucoma surgery," American Academy of Ophthalmology meeting 1977 pp 144.
	Gl	Rosenberg, L. and T. Krupin, <i>The Glaucomas</i> , Second Edition, Chapter 88, Eds., Ritch, R., et al., Mosby, St. Louis, MO., pp. 1783-1807, (1986).
	GK	"The Solx Gold Micro-shunt (GMS) Treatment," Solx clinical literature hand-out from Industry Show, Feb. 2006.

Examiner Signature Date Considered

Substitute Form PTO-1449 (Modified)	U.S. Department of Commerce Patent and Trademark Office	Attorney's Docket No. 21800-005002	Application No. 10/579,330
(Use several sheets if necessary)		Applicant Minas Theodore Cor	oneo
		Filing Date August 8, 2006	Group Art Unit 3761

Other Documents (include Author, Title, Date, and Place of Publication)		
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	GL	Srinivasan, R. et al., "Microbial contamination of the anterior chamber during phacoemulsification," Journal of Cataract and Refractive Surgery, 28:2173-2176, (2002).
	GM	Toris, C., et al., "Aqueous humor dynamics in the aging human eye," American Journal of Opthamology, 127:407-412, (1999).
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	GO	Yablonski, M.E., "Trabeculectomy with Internal Tube Shunt: a novel glaucoma surgery," Journal of Glaucoma, 14:91-97, (2005).

Examiner Signature

Date Considered